



Key-operated actuator, RMQ compact solution, maintained, 2 NC, Cable (black) with non-terminated end, 4 pole, 1 m, 3 positions, MS1, Bezel: titanium



Part no. C22-WRS3-MS1-K02-P62
Catalog No. 186267

Delivery program

| | | | |
|---|--|----|---|
| Product range | | | RMQ compact solution |
| Basic function | | | Key-operated buttons |
| Single unit/Complete unit | | | Complete unit maintained |
| Function: | | | |
| | | | 60° # 60° |
| Connection type | | | Cable (black) with non-terminated end, 4 pole |
| Cable Length | | m | 1 |
| | | | Not suitable for master key systems |
| | | | 3 positions |
| Lock mechanism | | | MS1 |
| Key withdrawable in position | | | |
| | | | I |
| | | | 0 |
| | | | II |
| Degree of Protection | | | IP66 (front) IP65 (on rear) |
| Front ring | | | Bezel: titanium |
| Connection to SmartWire-DT | | | no |
| Contacts | | | |
| N/C = Normally closed | | | 2 NC |
| Notes | | | = safety function, by positive opening to IEC/EN 60947-5-1 |
| Actuator travel and actuation force as per DIN EN 60947-5-1, K.5.4.1 | | | |
| | | mm | 4.65 |
| Maximum travel | | mm | 5.7 |
| Minimum force for positive opening | | N | 30 |
| Contact sequence | | | <div style="display: flex; justify-content: space-around;"> BN WH </div> <div style="display: flex; justify-content: space-around;"> BK BU </div> |
| Contact travel = Contact closed = Contact open | | | |
| Contact diagram | | | <p>0 2.2 5.5 Zw = 4.5 mm</p> |
| Positive opening (ZW) | | | yes |
| Information about equipment supplied | | | With 1 key |

Technical data

General

| | | | |
|---|--------------|----|--|
| Standards | | | IEC/EN 60947-5-1 VDE 0660 |
| Certifications | | | CE, UL, CSA |
| Operating frequency | Operations/h | | ≤ 100 |
| Operating torque | | Nm | ≤ 0.5 |
| Tightening torque Threaded ring | | Nm | 2 |
| Climatic proofing | | | Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30 |
| Degree of Protection | | | IP66 (front) IP65 (on rear) |
| Ambient temperature | | | |
| Open | | °C | -30 - +70 |
| Storage | | °C | - 30 - + 80 |
| Mounting position | | | As required |
| Mechanical shock resistance, shock duration 11 ms | | g | > 30 |

Contacts

| | | | |
|---|-----------|------|--|
| Rated impulse withstand voltage | U_{imp} | V AC | 800 |
| Rated insulation voltage | U_i | V | 30 |
| Overvoltage category/pollution degree | | | III/3 |
| Control circuit reliability | | | |
| At 17 V DC/7 mA | H_F | | N/C contact: statistically determined 1 failure per 0.9×10^6 Operations |
| Max. short-circuit protective device | | | |
| Fuse | gG/gL | A | 4 |
| Rated conditional short-circuit current | I_q | kA | 1 |

Switching capacity

| | | | |
|---------------------------|-------|---|---|
| Rated operational current | I_e | A | |
| AC-15 | | | |
| 24 V | I_e | A | 4 |
| DC-13 | | | |
| 24 V | I_e | A | 3 |

Cable characteristics

| | | | |
|-------------------------|---|----|----------------|
| Design | | | Cable end open |
| Cable Length | | m | 1 |
| Material characteristic | | | PUR |
| Diameter | ∅ | mm | 4.7 |

Design verification as per IEC/EN 61439

| | | | |
|--|--|----|-----|
| Technical data for design verification | | | |
| Operating ambient temperature min. | | °C | -30 |
| Operating ambient temperature max. | | °C | 70 |

Technical data ETIM 7.0

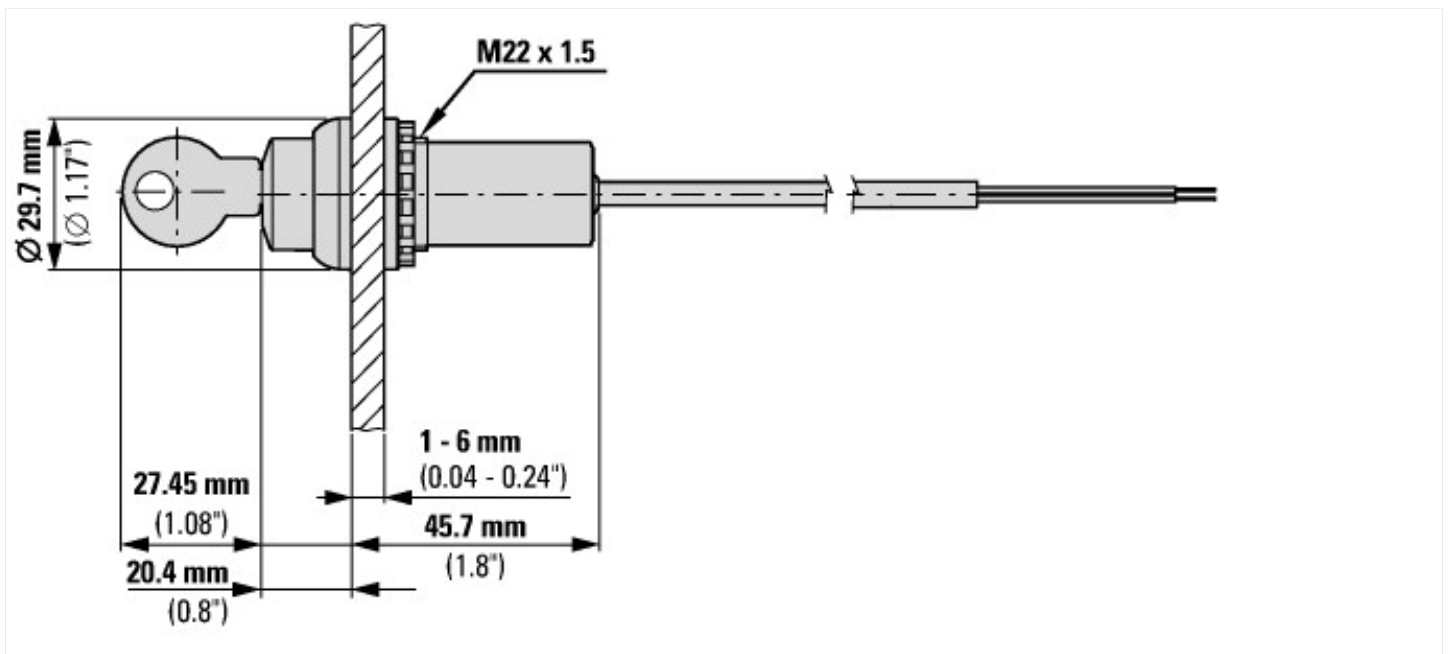
| | | | |
|--|--|----|-------|
| Low-voltage industrial components (EG000017) / Selector switch, complete (EC001029) | | | |
| Electric engineering, automation, process control engineering / Low-voltage switch technology / Command and alarm device / Selector switch, complete unit (ecl@ss10.0.1-27-37-12-43 [ACN984011]) | | | |
| Number of switch positions | | | 3 |
| Type of control element | | | Key |
| Suitable for illumination | | | No |
| With light source | | | No |
| Colour button | | | Black |
| Hole diameter | | mm | 22.5 |
| Width opening | | mm | 0 |
| Height opening | | mm | 0 |
| Switching function latching | | | Yes |
| Spring-return | | | No |

| | | |
|---|---|---------|
| Degree of protection (IP) | | Other |
| Degree of protection (NEMA) | | Other |
| Supply voltage | V | 0 - 0 |
| Number of contacts as normally open contact | | 0 |
| Number of contacts as normally closed contact | | 2 |
| Number of contacts as change-over contact | | 0 |
| Type of electric connection | | Other |
| With front ring | | Yes |
| Material front ring | | Plastic |
| Colour front ring | | Other |

Approvals

| | | |
|-----------------------------|--|---|
| Product Standards | | IEC/EN 60947-5-1; UL 508; CAN/CSA-C22.2 No. 14-18 and No. 94.2-15; CE marking |
| UL File No. | | E29184 |
| UL Category Control No. | | NKCR |
| CSA File No. | | 165628 |
| CSA Class No. | | 321103 |
| North America Certification | | UL listed, CSA certified |

Dimensions



Assets (links)

Declaration of CE Conformity

00003256

Instruction Leaflets

IL047016ZU2018_06

Additional product information (links)

IL047016ZU RMQ compact solution

IL047016ZU RMQ compact solution

ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL047016ZU2018_06.pdf